

WHAT IS CLAIMED IS:

1. A thermoplastic molding composition comprising
- (i) a copolymer having a number average molecular weight of 30 to 120 kg/mole and weight average molecular weight of 60 to 240 that is a product of polymerization of
- (A.1) at least one member selected from the group consisting of styrene, nucleus-substituted styrene, and methyl methacrylate and
- (A.2) at least one member selected from the group consisting of acrylonitrile, methyl methacrylate, maleic anhydride, N-alkyl-substituted maleic imide and N-aryl-substituted maleic imide, and
- (ii) a styrene-butadiene-styrene (SBS) block copolymer having butadiene content of 20 to 30 percent relative to its weight,
- where the content of (A.2) in the copolymer is 19 to 27.5% relative to the weight of the copolymer.
2. The composition of Claim 1 wherein the copolymer has a number average molecular weight of 40 to 100 kg/mole and its weight average molecular weight is 80 to 210 kg/mole.
3. The composition of Claim 1 wherein the content of (A.2) in the copolymer is 15 to 27%.
4. The composition of Claim 1 wherein (A.1) is styrene and (A.2) is acrylonitrile.

5. The composition of Claim 4 wherein the polymerization product further contains structural units derived from methyl methacrylate.

6. The composition of Claim 1 wherein the butadiene content is
5 23 to 27 percent.

7. The composition of Claim 1 wherein said (i) is present in an amount of 1 to 99 percent relative to the total weight of (i) and (ii).

10 8. A transparent thermoplastic molding composition comprising
(i) a copolymer having a number average molecular weight of 30 to 120 kg/mole and weight average molecular weight of 60 to 240 that is a product of polymerization of

15 (A.1) at least one member selected from the group consisting of styrene, nucleus-substituted styrene, and methyl methacrylate and

20 (A.2) at least one member selected from the group consisting of acrylonitrile, methyl methacrylate, maleic anhydride, N-alkyl-substituted maleic imide and N-aryl-substituted maleic imide, and

(ii) a styrene-butadiene-styrene (SBS) block copolymer having
25 butadiene content of 20 to 30 percent relative to its weight,

where the content of (A.2) in the copolymer is 19 to 27.5% relative to the weight of the copolymer.

9. A thermoplastic molding composition comprising
(i) a copolymer having a number average molecular weight of 30 to 120 kg/mole and weight average molecular weight of 60 to 240 that is a product of polymerization of

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(A.1) at least one member selected from the group consisting of styrene, nucleus-substituted styrene, and methyl methacrylate and

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(A.2) at least one member selected from the group consisting of acrylonitrile, methyl methacrylate, maleic anhydride, N-alkyl-substituted maleic imide and N-aryl-substituted maleic imide, and

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- (ii) a rubber component in the form of a styrene-butadiene-styrene (SBS) block copolymer having butadiene content of 20 to 30 percent relative to its weight,

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where the content of (A.2) in the copolymer is 19 to 27.5% relative to the weight of the copolymer, the composition characterized in that it includes no rubber components additional to said (ii).

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10. A thermoplastic molding composition comprising
(i) a copolymer having a number average molecular weight of 30 to 120 kg/mole and weight average molecular weight of 60 to 240 that is a product of polymerization of

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(A.1) at least one member selected from the group consisting of styrene, nucleus-substituted styrene, and methyl methacrylate and

(A.2) at least one member selected from the group consisting of acrylonitrile, methyl methacrylate, maleic anhydride, N-alkyl-substituted maleic imide and N-aryl-substituted maleic imide, and

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(ii) a styrene-butadiene-styrene (SBS) block copolymer having butadiene content of 20 to 30 percent relative to its weight,

where the content of (A.2) in the copolymer is 19 to 27.5% relative to the weight of the copolymer, the composition being characterized in that its haze value is not greater than 15% and in that its transmittance is greater than 87%.

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